

TO: Lincoln-Lancaster County Board of Health

FROM: Nancy Clark, Environmental Public Health Supervisor – Waste Management

DATE: July 30, 2015

SUBJECT: Proposed revisions to Policy Number 202.42: Methamphetamine Clandestine Laboratory Cleanup

Revisions to this policy are needed to accurately reflect the titles of State-supplied reference documents and the new address link to the State website where those individuals undertaking the cleanup process can go for further information. In addition, the revisions include clarification that under Nebraska State Law Neb. Rev. Stat. §71-2434, LLCHD is allowed to recover costs directly associated with the monitoring of the cleanup activities.

LLCHD assesses the owner of a meth-contaminated property a preliminary payment of \$300 and recovers additional costs, if any, at a rate of \$100/hour. Based on previous projects, the typical meth cleanup takes approximately 3 hours of staff review time.

Minor changes to the associated LLCHD letters sent to the property owner (Exhibits 1-6) are also needed to reflect the above described revisions.

Staff recommends Board of Health approval of the proposed policy updates.
--

POLICY NUMBER: 202.42
DIVISION: Environmental Public Health
POLICY TITLE: Methamphetamine Clandestine Laboratory Cleanup
AGENCY: Lincoln-Lancaster County Health Department
AUTHORITY: Nebraska DHHS Title 178, Chapter 24
DRAFTED: 04-28-2009
APPROVED: 06-22-2011
REVISED: 07-29-2015
APPROVED:

POLICY STATEMENT:

As required under Nebraska Title 178, Chapter 24 – *Methamphetamine Cleanup*, local health departments must provide technical assistance to owners of properties where a clandestine methamphetamine laboratory was discovered in units used for human habitation. Assistance shall include providing informational documents, review and approval of work plans, reports, and analytical results, and providing a “release letter” upon successfully achieving the required cleanup standards.

PROCEDURES:

Upon notification by Nebraska State Patrol, or the Nebraska Department of Health and Human Services (DHHS), of a clandestine methamphetamine laboratory in a property used for human habitation, LLCHD will notify and provide the owner of record with a copy of Nebraska Title 178, Chapter 24 to ensure that proper posting and restrictions to the property are in place as soon as possible. LLCHD will also provide additional informational documents and ‘warning’ signs to be posted on the property entrance doors.

The property owner or his/her designated representative (contractor) must provide LLCHD a written decontamination work plan describing the proposed clean up activities and a schedule outlining the timeframe for completing the decontamination.

LLCHD will review and comment or review and approve the decontamination work plan.

The property owner or his/her designated representative must provide LLCHD a written final report that includes the results of all confirmation sampling performed.

LLCHD will review and comment or review and approve the final report and confirmation sampling results. If the sampling results meet the cleanup standards, LLCHD will provide the property owner a “release letter” indicating that cleanup standards have been met.

As allowed under Nebraska State Law Neb. Rev. State §71-2434, LLCHD will recover costs directly associated with monitoring the cleanup activities from the owner of a meth-contaminated property. A base fee of \$100.00 plus \$95 (subject to change as hourly rates increase) with a minimum charge of \$290.00. The property owner will be assessed a \$300 preliminary payment which covers workplan

and report reviews and approximately 3 hours of LLCHD staff time. Additional costs, if incurred, will be assessed at the rate of \$100 per hour.

An invoice for the ~~charge~~ \$300 preliminary payment will be sent with the initial letter to the property owner and LLCHD will not review any work plans or reports until paid. ~~If additional LLCHD staff review time beyond the two (2) hours built into the minimum charge, then an additional invoice will be sent to the property owner. If costs directly associated with the monitoring of the cleanup activities exceed \$300, a second letter may be sent requesting additional payment. Additional costs, if incurred, will be assessed at the rate of \$100/hour.~~ The property "release letter" will not be provided until all charges are paid in full.

Any owner of record who knowingly allows any person to live in a dwelling used as a clandestine methamphetamine laboratory without first having met the decontamination requirements of Title 178, Chapter 24 may be subject to a civil penalty. Any confirmed violations of the regulations shall be reported to DHHS for possible legal action.

List of attachments associated with the policy and procedures:

- Letter – Notification of Meth Cleanup Procedures and Regulations – Exhibit 1
- Letter – Meth Decontamination Work Plan-NOT APPROVED – Exhibit 2
- Letter – Meth Decontamination Work Plan-APPROVED – Exhibit 3
- Letter – Meth Decontamination Project-ADDITIONAL CHARGE – Exhibit 4
- Letter – Meth Decontamination Project-PROPERTY NOT RELEASED – Exhibit 5
- Letter - Meth Decontamination Project-PROPERTY RELEASED – Exhibit 6

List of documents to be sent to the property owners:

- Nebraska Title 178, Chapter 24 – *Methamphetamine Cleanup* – Exhibit 7
- Nebraska Department of Health and Human Services (DHHS) *Environmental Risk Assessment – Safety Requirements & Precautions and Personal Protective Equipment (PPE)* – Exhibit 8
- Nebraska DHHS *Clandestine Methamphetamine Drug Laboratory Decontamination Work Plan and Checklist* – Exhibit 9
- Nebraska DHHS Are there any alternatives to cleanup? – Exhibit 10
- Nebraska DHHS *Decontamination Consultants Specialists Working in Nebraska Clandestine Methamphetamine Laboratories* – Exhibit 11
- Nebraska DHHS List of ~~Nebraska~~ Local Health Department Contacts Specific to Meth – Exhibit 12
- Nebraska DHHS List of Decontamination Training Providers in Nebraska – Exhibit 13

All of the above documents can be obtained electronically at
<http://www.hhs.state.ne.us/puh/enh/EnvironmentalRiskAssessment/labs.htm>

http://dhhs.ne.gov/publichealth/Pages/puh_enh_environmentalriskassessment_labs.aspx

- Two (2) 'Warning' signs – Additional signs may be sent, as needed. These signs will typically be printed on colored paper to increase visibility from a distance. – Exhibit 14

July 29, 2015

Property Owner
123 N. ABC Street
Lincoln, NE 68510

Subject: Notification of Meth Cleanup Procedures and Regulations

Dear Property Owner:

The Lincoln-Lancaster County Health Department (LLCHD) has been notified that your property located at 123 N. ABC St, Lincoln, Nebraska has been used in the illicit manufacturing of methamphetamine (meth) and requires cleanup. As required by law, LLCHD is providing you with a copy of Nebraska's Department of Health and Human Services (DHHS) Title 178, Chapter 24 regulations pertaining to the decontamination of human dwellings where meth was produced. In addition, you are being provided with additional documents that might assist you during your cleanup efforts. All of the documents can be found electronically at http://dhhs.ne.gov/publichealth/Pages/puh_enh_environmentalriskassessment_labs.aspx.

Please take note of the site preparation requirements outlined in Section 24-004 with regard to posting warning signs (enclosed) on the entrance doors of the property and submitting a decontamination workplan to LLCHD for review and approval prior to beginning any cleanup activities. Also, as is allowed under Nebraska State Law Neb. Rev. Stat. §71-2434, LLCHD assesses property owners \$300 to cover costs directly associated with the review and approval of the workplans and reports related to meth cleanups. Additional costs may be assessed if your workplan and/or final report involve extensive review or revisions.

Cleanup of meth-contaminated properties can be difficult and time consuming and you may want to consider hiring a contractor to assist you. A list of contractors compiled by DHHS has been enclosed. LLCHD does not recommend or endorse any particular contractor.

Additional assistance is also available from Nebraska's Department of Environmental Quality (NDEQ) at 402-471-2186 or DHHS at 402-471-8880.

Your workplan and \$300 review fee may be submitted to:

LLCHD - Environmental Public Health
3140 N Street
Lincoln, NE 68510

If you have any questions please contact one of LLCHD's Environmental Health Specialists at 402-441-8040.

Enclosures

Documents to be included with initial letter to Property Owners of Clandestine Methamphetamine Laboratories

- Nebraska Title 178, Chapter 24 – *Methamphetamine Cleanup*
- Nebraska Department of Health and Human Services (DHHS) *Environmental Risk Assessment – Personal Protective Equipment (PPE)*
- Nebraska DHSS *Decontamination Work Plan and Checklist*
- Nebraska DHSS *Decontamination Consultants Working in Nebraska Clandestine Methamphetamine Laboratories and Companies Providing Clandestine Drug Lab Assessment and Decontamination Courses in Nebraska*
- Nebraska DHHS *Are there any alternatives to cleanup?*
- Nebraska DHSS *Decontamination Specialists Working in Nebraska*
- Nebraska DHSS *List of Local Nebraska Health Department Contacts Specific to Meth*
- Nebraska DHSS *List of Decontamination Training Providers in Nebraska*

All of these documents can be obtained electronically at

http://dhhs.ne.gov/publichealth/Pages/puh_enh_environmentalriskassessment_labs.aspx

- Two (2) 'Warning' signs (to be posted on the exterior doors)

EXHIBIT 2

July 29, 2015

Property Owner
123 N. ABC Street
Lincoln, NE 68510

Subject: Meth Decontamination Workplan – NOT APPROVED

Dear Property Owner:

The Lincoln-Lancaster County Health Department (LLCHD) has reviewed the Methamphetamine (Meth) Decontamination Workplan for your property located at 123 N. ABC St, Lincoln, Nebraska. The workplan, as submitted, does not meet the minimum requirements of Nebraska's Department of Health and Human Services (DHHS) Title 178, Chapter 24-004.01, and therefore, your workplan is NOT APPROVED.

Please revise your workplan and resubmit it to LLCHD for review. The following components and/or activities must be included in your workplan before it can be accepted:

- 1)
- 2)
- 3)

Additional assistance is also available from Nebraska's Department of Environmental Quality (NDEQ) at 402-471-2186 or DHHS at 402-471-8880.

If you have any questions please contact one of LLCHD's Environmental Health Specialists at 402-441-8040.

July 29, 2015

Property Owner
123 N. ABC Street
Lincoln, NE 68510

Subject: Meth Decontamination Workplan – APPROVED

Dear Property Owner:

The Lincoln-Lancaster County Health Department (LLCHD) has reviewed the Methamphetamine (Meth) Decontamination Workplan for your property located at 123 N. ABC St, Lincoln, Nebraska. The workplan, as submitted, meets the minimum cleanup requirements of Nebraska's Department of Health and Human Services (DHHS) Title 178, Chapter 24-004.01, and therefore, your workplan is APPROVED.

Upon completion of the decontamination of the property, please submit the results of the confirmation samples along with a site plan indicating the sample locations as part of your final report. LLCHD will review your report and if the confirmation sampling indicates that the property has been decontaminated, you will receive a "release letter" indicating that the State's cleanup levels have been met.

Additional assistance is also available from Nebraska's Department of Environmental Quality (NDEQ) at 402-471-2186 or DHHS at 402-471-8880.

If you have any questions please contact one of LLCHD's Environmental Health Specialists at 402-441-8040.

July 29, 2015

Property Owner
123 N. ABC Street
Lincoln, NE 68510

SUBJECT: Meth Decontamination Project

Dear Property Owner:

Due to the complexity of your methamphetamine (meth) decontamination project, the Lincoln-Lancaster County Health Department (LLCHD) has exceeded the costs covered under your initial \$300 payment. LLCHD has incurred an additional ## hours of time associated with the direct monitoring of this project, assessed at a rate of \$100/hour. In order to obtain a "release letter" for your property, please submit an additional payment of \$### to account for the additional costs.

Additional assistance is also available from Nebraska's Department of Environmental Quality (NDEQ) at 402-471-2186 or DHHS at 402-471-8880.

If you have any questions please contact one of LLCHD's Environmental Health Specialists at 402-441-8040.

July 29, 2015

Property Owner
123 N. ABC Street
Lincoln, NE 68510

Subject: Meth Decontamination Project – PROPERTY NOT RELEASED

Dear Property Owner:

The Lincoln-Lancaster County Health Department (LLCHD) has reviewed the methamphetamine (meth) decontamination confirmation sampling results and final report for your property located at 123 N. ABC St, Lincoln, Nebraska. The information submitted indicates that the property DOES NOT MEET the decontamination standards of Nebraska's Department of Health and Human Services (DHHS) Title 178, Chapter 24-009, and therefore additional cleanup and sampling is required.

Please conduct additional decontamination and confirmation sampling of the following areas of the property and submit the results to LLCHD in a revised report:

- 1)
- 2)
- 3)

Additional assistance is also available from Nebraska's Department of Environmental Quality (NDEQ) at 402-471-2186 or DHHS at 402-471-8880.

If you have any questions please contact one of LLCHD's Environmental Health Specialists at 402-441-8040.

July 29, 2015

Property Owner
123 N. ABC Street
Lincoln, NE 68510

Subject: Meth Decontamination Project – PROPERTY RELEASE

Dear Property Owner:

The Lincoln-Lancaster County Health Department (LLCHD) has reviewed the methamphetamine (meth) decontamination confirmation sampling results and final report for your property located at 123 N. ABC St, Lincoln, Nebraska. The information submitted indicates that the property meets the decontamination standards of Nebraska's Department of Health and Human Services (DHHS) Title 178, Chapter 24-009. Thank you for all your effort.

Please be aware that additional health risks due to potential exposure to meth, its by-products, and/or the chemicals used in its manufacture may exist in other un-sampled areas of the property and could be discovered in the future. Should this occur, additional decontamination and sampling may be required to meet the requirements of the law.

Additional assistance is also available from Nebraska's Department of Environmental Quality (NDEQ) at 402-471-2186 or DHHS at 402-471-8880.

If you have any questions please contact one of LLCHD's Environmental Health Specialists at 402-441-8040.

EFFECTIVE DATE
AUGUST 30, 2009

NEBRASKA DEPARTMENT OF
HEALTH AND HUMAN SERVICES

178 NAC 24

TITLE 178 ENVIRONMENTAL HEALTH

CHAPTER 24 METHAMPHETAMINE CLEANUP

24-001 SCOPE AND AUTHORITY: These regulations establish procedures that a property owner must follow in the decontamination of contaminated property. Authority for these regulations is found in Neb. Rev. Stat. §§ 71-2432 to 71-2435.

Persons cleaning up clandestine drug labs must consult with state and local agencies regarding decontamination of these properties. These agencies include the Nebraska Department of Health and Human Services, the Nebraska Department of Environmental Quality, the Nebraska State Patrol, local law enforcement, and the local public health department.

24-002 DEFINITIONS

Absorption field means a series of trenches containing coarse aggregate (for example, gravel or crushed stone) into which perforated or open joint pipe is placed. Discharge from a septic tank is distributed through these pipes into the trenches and the surrounding soil.

Air distribution system means the heating and air-conditioning system.

Alkaline means a solution with a pH greater than 7.0, or a basic (non-acidic) solution.

Asbestos means asbestiform varieties of chrysotile, crocidolite, amosite, anthophyllite, tremolite and actinolite.

ASTM means ASTM International (formerly American Society for Testing and Materials).

Background concentration means the level of a chemical substance collected from environmental media that is naturally occurring, and/or is not associated with methamphetamine production at a site, and/or is less than existing State regulatory and/or risk-based standards.

Certified Hazardous Materials Manager (CHMM) means an individual who has been certified by and is in good standing with the Institute of Hazardous Materials Management as a CHMM.

Chain of Custody (COC) means a procedure used to document each person that has had possession or control of an environmental sample from its collection to its analysis. The purpose of a COC document is to record the handling history of a sample from the collection, transportation, and receipt process.

Characterize means a description of the quality, quantity and/or properties of a chemical substance by sampling environmental media (for example, soil, air, water, or from surfaces such as countertops or flooring), and conducting subsequent analysis.

Chemical of potential concern (COPC) means an element or compound collected from environmental media that is being assessed to determine if it is a health concern for humans in contact with it. Chemicals of potential concern may include reagents and products used in the manufacturing and production of methamphetamine, including but not limited to methamphetamine, its salts, optical isomers, and salts of its isomers.

EFFECTIVE DATE
AUGUST 30, 2009

NEBRASKA DEPARTMENT OF
HEALTH AND HUMAN SERVICES

178 NAC 24

Clandestine drug lab means any area where glassware, heating devices, or other equipment or precursors, solvents, or related articles or reagents are used to unlawfully manufacture methamphetamine.

Confirmation sampling means verifying by on-site and/or laboratory analysis that the concentration of a chemical of concern is below a State regulatory and/or risk-based standard by collecting samples of environmental media.

Contaminant means a chemical of potential concern present at a site in environmental media that is present above State regulatory and/or risk-based standards.

Contaminated property means an enclosed area of any property or portion thereof intended for human habitation or use which has been contaminated by chemicals, chemical residue, methamphetamine, methamphetamine residue, or other substances from a clandestine drug lab.

Contamination means the presence of a chemical or chemicals of potential concern at a site in environmental media that is present above State regulatory and/or risk-based standards.

Cooking area means the specific location (for example, a particular room in a home) where the methamphetamine was prepared.

Decontamination means to treat or remove a contaminant or contaminants to reduce concentrations below State regulatory and/or risk-based standards, whichever is the most conservative.

Decontamination Consultant means a Certified Hazardous Materials Manager (CHMM) or an individual with experience in environmental site assessment and decontamination whose work-plan is approved by a CHMM.

Department means the Department of Health and Human Services (DHHS).

Emulsifier means an additive that promotes the formation of a stable mixture (emulsion) of ingredients that do not normally bind together, (for example, oil and water). An emulsifier is a type of surfactant.

Environmental media or medium means soil, air, water, or substances collected from wiping indoor surfaces such as countertops or flooring.

HEPA means High-Efficiency Particulate Air. A HEPA filtering system includes a specially constructed filter membrane that is capable of capturing 99.97% of particles, typically as small as 0.3 microns (300 ng/m³).

Immunoassay means a laboratory technique that makes use of the binding between an antigen and its homologous antibody in order to identify and quantify a substance.

Methamphetamine means methamphetamine, its salts, optical isomers, and salts of its isomers. Methamphetamine has a CAS (Chemical Abstracts Service) registration number of 537-46-2.

Local public health department means a public health department as defined in Neb. Rev. Stat. § 71-1626 and which is the local public health department serving the municipality or county where a clandestine drug lab has been discovered.

NDEQ means the Nebraska Department of Environmental Quality.

NIOSH means the National Institute of Occupational Safety and Health.

P2P means the *phenyl-2-propanone* synthesis method used to manufacture and produce methamphetamine. P2P is a chemical precursor of methamphetamine.

pH means a measure, on a scale from 0 to 14, of the acidity (less than 7.0) or alkalinity (greater than 7.0) of a solution, where 7.0 is considered neutral.

PID means Photo Ionization Detector. A PID is a portable gas detector used to identify the presence of volatile organic compounds (VOCs), toxic, and combustible gases.

Porous means surfaces at a site (for example, countertops, flooring, drywall, and fabrics), which may be susceptible to permeation by liquids, gases, or powders.

PPE Level C means Personal Protective Equipment to include disposable outerwear that is hooded, and poly-coated to protect against the permeation of liquids and gases (ASTM F1001 certified), a full-face or half-mask with air purifying combination respirators for particulates, gases and vapors (NIOSH approved), two pairs of chemical-resistant gloves (both inner and outer), and chemical resistant boots. PPE is designed to prevent or minimize ingestion, inhalation and/or dermal contact exposure with contaminants.

Precursor means a chemical or compound that precedes the formation of the final chemical or compound in a sequence of chemical reactions.

Proper disposal means the discarding of precursors, reagents, contaminated environmental media, or other items found at the site, in accordance with applicable regulations which can be found by contacting the local public health department and the Nebraska Department of Environmental Quality's Waste Management Section.

Property Owner means the owner(s) of record, who is/are the title-holder(s) of the property as shown on the county records, and may be an individual, corporation, or other entity.

Reagent means a chemical substance used to produce a chemical reaction to detect, measure, or produce other substances.

Risk-based standard means a concentration of a chemical substance that is not to be exceeded in a particular environmental medium and/or at a site in order to reduce the potential for adverse health effects as a result of exposure.

Sequestering agent means a substance that captures or prevents another substance from coming out of, or precipitating from a solution.

Septic system means a domestic wastewater treatment system, consisting of a septic tank and a soil absorption system. Waste is piped directly from the home into the system where bacteria

decompose the waste, sludge settles to the bottom of the tank, and the treated effluent flows out into the soil absorption field through drainage pipes.

Sharps means hypodermic needles.

Site means an enclosed area of any property or portion intended for human habitation or use, that has been used for the manufacturing and production of methamphetamine, and that has been contaminated by chemicals of potential concern.

Solvent means a substance, (for example, water or another liquid), that is capable of dissolving or dispersing one or more other substances.

Surfactant means a chemical that reduces surface tension at the interface between oil and water molecules, keeping the mixture from separating into layers. An emulsifier is a type of surfactant.

USEPA means the United States Environmental Protection Agency.

Ventilation System means any system within a structure that is designed to vent indoor air to the outdoors (for example, a bathroom venting fan or a stove range hood).

VOCs mean Volatile Organic Compounds. These chemicals typically have high vapor pressures and can evaporate easily at ambient (room) temperature. Several VOCs are used in the manufacturing and production of methamphetamine.

Wipe Kit means sterile gauze pads/filter papers, solvents, templates, gloves, etc., that comprise the methamphetamine sampling supplies that are used by the Decontamination Consultant to test for methamphetamine at the site.

24-003 REPORTING METHAMPHETAMINE CONTAMINATED PROPERTY

24-003.01 Property Owner Discovery: A property owner with knowledge of a clandestine drug lab on his/her property shall report such knowledge and location as soon as practicable to the local law enforcement agency or to the Nebraska State Patrol.

24-003.02 Law Enforcement Discovery: A law enforcement agency that discovers a clandestine drug lab in the State of Nebraska shall report the location of such lab to the Nebraska State Patrol within 30 days after making the discovery. Such report shall include:

1. The date of discovery of such lab;
2. The county where the property containing such lab is located; and
3. A legal description of the property or other description(s), or address of such sufficient to clearly establish the location.

24-003.02A Required List of Chemicals: As soon as practicable after such discovery, the law enforcement agency shall provide the Nebraska State Patrol with a complete list of the chemicals found at or removed from the location of such lab, including:

1. Methamphetamine;
2. Its precursors;
3. Solvents; and
4. Related reagents.

24-003.02B Nebraska State Patrol Notification Requirements: Upon receipt, the Nebraska State Patrol shall promptly forward a copy of such report and list as specified in 178 NAC 23-003.02 and 23-003.02A to the:

1. Department;
2. Department of Environmental Quality;
3. Municipality or county where the lab is located;
4. Director of the local public health department serving such municipality or county; and
5. Property owner.

24-004 LOCAL PUBLIC HEALTH DEPARTMENT

24-004.01 Responsibility: The local public health department shall monitor the rehabilitation of any contaminated property in accordance with standards and procedures set out in these regulations.

24-004.02 Notification: The local public health department must notify of and provide the property owner with a copy of these regulations to ensure that proper posting and restrictions to the property are in place as soon as possible.

24-004.03 Monitoring Sites: Monitoring by the local public health department must include ensuring that all openings to the site are posted with warning signs until the property has been properly decontaminated and released for human habitation.

24-005 SITE PREPARATION FOR DECONTAMINATION: The contaminated property must be prepared for decontamination as follows:

1. The local public health department, must provide appropriate warning signs to the property owner, and ensure that the warning signs are posted prominently at all points of entry into the site;
2. The signs must state that the property has been contaminated with hazardous materials;
3. Warning signs must remain in place until the local public health department has released the property for human habitation;
4. Access to the site must be restricted by the property owner to only those individuals directly responsible for implementing the decontamination procedures;
5. The air distribution system must be isolated between the decontamination area and other residential units, if applicable (for example, a duplex or apartment), to ensure airborne contamination cannot be carried into other areas. The decontamination area may include one or more unit(s) or the entire complex;
6. Openings, such as doors, must be sealed off between the decontamination area and other areas that have not been contaminated using polyethylene sheeting with a minimum thickness of 4-mil (0.004 inch) to provide a moisture and vapor barrier;

7. The structure must be aired out for three to five days (a minimum of 72 hours) before beginning decontamination. The building's windows must all be opened and exhaust fans must be used to circulate air out of the structure. The structure must remain secure during this process; and
8. A visual inspection of the contaminated property must be done to determine the specific locations where clandestine laboratory chemicals were manufactured, stored, or disposed of. This visual inspection must include documentation and a description of:
 - a. Hazardous chemicals and/or chemical storage tanks that may have been overlooked by response personnel;
 - b. The air distribution system;
 - c. The ventilation system(s);
 - d. The water supply system (if a private well is present);
 - e. The plumbing and septic system;
 - f. Stained porous surfaces;
 - g. Burn pits or trash piles; and
 - h. Areas of suspected soil contamination.

24-005.01 Decontamination Work Plan: As part of performing the decontamination, the property owner or a Decontamination Consultant must provide the local public health department with a written decontamination work plan. The plan must include:

1. A detailed site map with floor plan to scale;
2. A description of the health and safety procedures that will be followed, including the use of personal protective equipment to be worn while in or on the contaminated portion of the property;
3. A detailed summary and photos of all locations where decontamination will occur;
4. A detailed summary of all procedures to be employed in removing contamination and/or cleaning the site to minimize human exposure; and
5. A schedule outlining the timeframe for completing the decontamination.

A sample of a written work plan is available from the Department's Risk Assessment Program at 301 Centennial Mall South, P.O. Box 95026, Lincoln, NE 68509-5026, or on the Department's Risk Assessment webpage at:
<http://www.dhhs.ne.gov/puh/enh/riskasse/exposechem.htm>.

24-005.01A Decontamination Consultant Responsibility: Copies of certificates and credentials must be submitted by the Decontamination Consultant to the Department's Risk Assessment Program prior to beginning work at the site.

24-006 REQUIREMENTS DURING THE PERFORMANCE OF THE SITE DECONTAMINATION: The property owner or the Decontamination Consultant must:

1. Obtain written approval of the decontamination work plan from the local public health department as specified in 178 NAC 24-0045.01. The property owner or Decontamination Consultant must meet the timeframes for completion as set forth in the approved work plan;
2. Restrict access of the contaminated property to only those individuals directly involved in implementing and monitoring the decontamination activities. These individuals may include:

- a. Decontamination Consultants;
 - b. The property owner;
 - c. Members of the property owner(s) family; and
 - d. Unpaid volunteers.
3. Notify and make aware all individuals directly involved in implementing and monitoring the decontamination activities of the health hazards at the contaminated property and follow the approved health and safety procedures;
4. Require each individual who enters the contaminated property to sign in;
5. Maintain sign-in sheets for the duration of the decontamination project and make them available to the local public health department when requested;
6. Require all individuals who enter the work area to use personal protective equipment (PPE) providing Level C protection. PPE must be worn to prevent or minimize ingestion, inhalation, and other routes of contact exposure with contaminants;
7. Require all individuals, before leaving the work area, to:
 - a. Remove all disposable outer clothing;
 - b. Place clothing in a plastic bag; and
 - c. Properly dispose of them;
8. Clean the surfaces of all tools and equipment used in the work area prior to removal from the contaminated property; and
9. Contact the local public health department and the NDEQ Waste Management Section to determine how to appropriately dispose of all contaminated materials, waste and debris from the site in accordance with all applicable waste regulations.

24-007 PERFORMANCE OF SITE DECONTAMINATION: A property owner who wants to perform site decontamination must contact the local public health department to ensure that all applicable local, state, and federal regulations are complied with in the decontamination process. A list of Decontamination Consultants is available from the Department's Risk Assessment Program, 301 Centennial Mall South, P.O. Box 95026, Lincoln, NE 68509-5026, or on the Department's Risk Assessment webpage at: <http://dhhs.ne.gov/puh/enh/riskasse/exposechem.htm>.

It is recommended that a Decontamination Consultant be used to complete the decontamination in order to meet the standards set forth in these regulations.

24-007.01 Pre-1980 Residences: Decontamination may lead to the disturbance of other materials such as asbestos or lead paint (if the residence is pre-1980) which may require services by a licensed contractor who specializes in the remediation of these materials. Contact the Department with any questions or concerns.

24-007.02 Phase 1 – Removal of Items for Disposal: In order to remove items for disposal, the property owner or a Decontamination Consultant must:

1. Complete a thorough assessment of the property for sharps. Sharps are often hidden or stored in obscure places and pose a hazard to decontamination workers. Sharps must not be handled directly. Use tongs or pliers to pick up

- sharps. Place sharps in a labeled puncture-proof container and seal for proper disposal;
2. Remove all household chemical products. Some materials (for example, paint, oil, and, pesticides), require special handling and disposal. Contact the local public health department and the NDEQ Waste Management Section for guidelines for identifying, handling, and disposal of these substances;
 3. Remove and dispose of all general site debris;
 4. Remove and dispose of all items that cannot be properly decontaminated; these items include but are not limited to:
 - a. Window mounted air conditioning units;
 - b. Ceiling fans; and
 - c. Drop in or acoustic ceiling tiles; and
 5. All fabric items from the cooking area must be removed and disposed of. **It is prohibited to attempt to remove stains from porous fabric items or other items that can be easily disposed of. Some chemicals used in the manufacturing of methamphetamine, such as iodine and red phosphorus, if spilled, result in staining. Attempting to remove these stains can produce toxic and deadly vapors.** These items include but are not limited to:
 - a. Carpeting;
 - b. Drapery; and
 - c. Fabric covered furniture; and
 6. Contain debris, fabric items from the cooking area, and items that cannot be properly decontaminated as listed in 178 NAC 24-006.01 items 3, 4, and 5 and assure that these items are not accessible to others while outside of the structure. Dumpsters must be covered and locked prior to landfill disposal; and
 7. Turn off electricity to the contaminated area if possible, and cover all electrical outlets and light fixtures to prevent exposure to water during cleaning.

24-007.03 Phase 2 – Cleaning Procedures: The following cleaning procedures and products must be used in order to properly decontaminate the site.

1. Clean one room at a time. When complete, close the door and isolate the room to prevent recontamination.
2. Use an alkaline aqueous cleaning solution (A water-based mixture with a PH greater than 7) to remove the oily residue that remains after cooking methamphetamine and for neutralizing many of the chemical residuals. Most commercially available alkaline cleaners also contain additives to improve cleaning (for example, sequestering agents, emulsifiers, and surfactants). Always follow the manufacturer's recommendations for use. Examples of alkaline aqueous cleaners include:
 - a. Baking soda;
 - b. Hydrogen peroxide;
 - c. Neutrasol;
 - d. Neutrasorb;

- e. Simple Green; and
- f. Spray Clean.

The use of trade names does not imply endorsement.

24-007.03A Air Distribution System and Ventilation System(s) Cleaning Procedures

1. The air distribution system and ventilation system(s) must be turned off and remain off throughout the decontamination process.
2. All air filters must be removed and properly disposed of.
3. All air registers must be removed and cleaned with a detergent and water solution (following the manufacturer's guidelines) and rinsed thoroughly. This procedure must be repeated two additional times, using new detergent solution and rinse water each time.
4. A fan-powered HEPA filtration system as defined in 178 NAC 24-002 must be connected to the ductwork to develop negative air pressure to aid in removal of particulates.
5. Rotary brushes or other forms of mechanical agitators must be inserted into all ductwork openings to loosen and remove particulates.
6. All ductwork openings must be sealed off using polyethylene sheeting with a minimum thickness of 4-mil (0.004 inch thickness) to prevent recontamination until further decontamination work at the site has been completed.-
7. After cleaning, the Decontamination Consultant must test surfaces in the air distribution system and the ventilation system(s) for the presence of methamphetamine.
8. The Decontamination Consultant must provide the results to the local public health department.

24-007.03B Cleaning Procedures for Removable Items

1. All removable items (for example, appliances, mini-blinds, and, light fixtures), that are not disposed of must be cleaned by both HEPA vacuuming and, following all manufacturers' guidelines, one of the following methods:
 - a. Steam cleaning with a hot water and detergent solution and extraction by wet vacuum;
 - b. Washing in a washing machine or dishwasher with hot water and a detergent solution; or
 - c. For non-porous surfaces only, wash by wiping down with hot water and an alkaline aqueous cleaning solution.
2. Items as described in 178 NAC 24-007.03B, item 1 must then be moved out of the room prior to continuing with decontamination of the ceiling, walls, and floor(s).
3. After cleaning, the Decontamination Consultant must test all items for the presence of methamphetamine.
4. The Decontamination Consultant must provide the results to the local public health department.

24-007.03C Surface Cleaning Procedures

1. With the exception of concrete flooring, cover the floor of the room with polyethylene sheeting with a minimum thickness of 4-mil (0.004 inch) and tape up onto the baseboard to contain excess solution while rinsing the ceiling and walls.
2. Use an alkaline aqueous cleaning solution. This solution must be applied to all remaining exposed surfaces (for example, ceilings, walls, doors, windows, and closets). A sprayer must be used for applying the cleaning solution. The solution must be left on the surfaces for a minimum of ten minutes prior to removal.
3. Beginning at the ceiling, all surfaces must be scrubbed, including walls, windows, doors, and closets.
4. An extraction machine (similar to a carpet-cleaning machine that simultaneously rinses and collects the rinsate in the attachment) or pressure washer must be used to rinse and extract the contamination from the scrubbed surfaces. Heated water must be used to effectively remove the oily residue. Two decontamination workers at this stage must be used, one to rinse and one to wet vacuum. Rinse or extract in one direction to remove contamination without redistributing it to decontaminated areas.
5. Remove the polyethylene sheeting and repeat the decontamination process for the floor. Rinse or extract in one direction to remove contamination so as not to redistribute it to decontaminated areas.
6. Adjustment of pH and dilution may be required before disposal of the extracted liquid to a drain. Contact the local public health department and the NDEQ Waste Management Section prior to disposal.
7. When the cleaning procedures are complete, the windows to the structure must be opened, and fans set up to air-out the site for one to two days (24 hours minimum) to draw out excess moisture generated during the cleaning procedures.
8. After cleaning, the Decontamination Consultant must test surfaces for the presence of methamphetamine.
9. The Decontamination Consultant must provide the results to the local public health department.

24-007.03D Plumbing and Septic System Cleaning Procedures

1. The accessible plumbing components (for example, traps) where chemicals of potential concern have been disposed of must be cleaned and tested to meet the standards specified in 178 NAC 24-010;
2. The septic system (if present) must be pumped as part of the decontamination. The system must be pumped prior to site cleaning and again after completion of site decontamination to avoid overflow into the absorption field. NDEQ Title 118 and 122 requirements must be met in order to protect ground water, and additional oversight by the NDEQ may be required.

24-007.03E Soil Decontamination Procedures

1. To ensure compliance with NDEQ Titles 118, 128, and 132, NDEQ must be consulted regarding removal of contamination in, or decontamination of:
 - a. Burn areas;
 - b. Trash areas; and
 - c. Dump sites; and
2. If soil or ground water cleanup is required, the cleanup standards selected must be:
 - a. At or below background; or
 - b. Equal to or less than state regulatory standards, if applicable, and if not applicable, federal risk-based standards outlined in the USEPA Risk-Based Concentrations Table for residential, or if relevant, industrial exposure. The USEPA table can be accessed at the following web address:
http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/GenericTables/index.htm

Alternative values may be proposed but approval is required by the NDEQ and the Department's Risk Assessment Program.

24-008 CONFIRMATION SAMPLING: A Decontamination Consultant must collect confirmation samples for analysis after completion of the decontamination procedures. Samples collected for offsite quantitative laboratory analysis (verses onsite semi-quantitative immunoassay) must be analyzed using USEPA modified method #8270. Confirmation sampling is required to ensure that concentrations of the chemicals of potential concern are not present at the site above the standards required in 178 NAC 24-010. If the standards are not achieved, the property owner or a Decontamination Consultant must perform additional decontamination until these standards are met.

24-008.01 Confirmation Sampling Procedures

1. All sample locations must be photographed.
2. Samples must be collected from all areas identified below following the sampling procedures outlined in 178 NAC 24-008.
3. All samples must be collected by strict adherence to the sample kit or laboratory instructions.-
4. At a minimum, one sample media blank, treated in the same fashion but without wiping, must be submitted for every ten samples collected.
5. All samples must be obtained, handled, and preserved under a chain-of-custody (COC) procedure.
6. All samples must be labeled with the:
 - a. Site address;
 - b. Sample location;
 - c. Sample number;
 - d. Date and time of collection; and
 - e. Name of sample collector.

7. All samples must be analyzed for methamphetamine.

24-008.02 Confirmation Sampling for Air Distribution System and Ventilation System(s)

24-008.02A A wipe kit as specified in 178 NAC 24-002 must be used to collect the confirmation sample.

24-008.02B At a minimum, one 100 square centimeter (approximately 4 inches x 4 inches) wipe sample must be collected and analyzed from the ductwork directly inside the inlet of the air distribution system (where air is brought into the system, not from a vent where air is forced back out of the system) and each ventilation system (within the first 12 inches).

24-008.02C Disposable templates or masking tape must be attached to the area to be sampled. The sample area must not be touched. The template must be left in place until the test results are known.

24-008.03 Confirmation Sampling for Removable Items and Surfaces

24-008.03A A wipe kit as specified in 178 NAC 24-002 must be used to collect the confirmation sample.

24-008.03B At a minimum, one 100 square centimeter (approximately 4 inches x 4 inches) wipe sample must be collected and analyzed from:

1. All surfaces in the cooking area (ceiling, floor, each wall, and countertops);
2. Each room/area at the site potentially impacted by contamination;
3. Each room/area served by the air distribution system; and
4. From all removable items that the property owner would like to retain (for example, blinds, fixtures, and furniture).

24-008.03C At a minimum, one sample media blank, treated in the same fashion but without wiping, must be submitted for every ten samples collected.

24-008.03D Disposable templates or masking tape must be attached to the area to be sampled. The sample area must not be touched. The template must be left in place until the test results are known.

24-008.04 Plumbing and Septic System(s) - Confirmation Sampling

24-008.04A All accessible plumbing must be tested for VOCs, using instrumentation such as a PID to determine if there are potentially harmful or combustible gases present. Instrument manufacturer guidelines must be followed for use and analysis of total VOCs. The equipment probe must be held in the plumbing pipe above the trap for a minimum of 60 seconds.

24-008.04B The NDEQ must be consulted to determine required confirmation sampling for the septic system. A sample of the septic tank liquid, if applicable, must be collected and analyzed for the site chemicals of potential concern.

24-008.05 Indoor Air Confirmation Sampling for Mercury

24-008.05A If the cooking method is unknown or is known to be the P2P Method, confirmation sampling of indoor air must be performed, using a mercury vapor analyzer, to analyze for the presence of mercury.

24-008.05B The indoor temperature of the home must be documented and maintained between 75 and 80 degrees Fahrenheit throughout the sampling.

24-008.05C At a minimum, one real time confirmation sample for mercury analysis must be collected in each room on the level of the home where the methamphetamine cooking area was located, from a breathing zone height of between three to four feet from ground level. All collection locations must be documented.

24-009 REPORTING

24-009.01 Releasing the Property: The Decontamination Consultant must submit the confirmation sampling results to the local public health department. If the results do not indicate the levels of contaminants have been reduced to meet the standards, the decontamination process must be repeated and samples taken in those rooms/areas of concern. The local health department must write a letter to the property owner, releasing the property, if the test results meet the standards outlined in these regulations.

24-010 DECONTAMINATION STANDARDS: The standards listed below must be met before the local health department can release the property for human habitation and commercial or other use.

Method	Chemical	Sample Type	Decontamination Standard
P2P	Lead (total) ¹	Surface Area Wipe	Less than or equal to 40µg/ft ²
	Mercury ²	Air	Less than or equal to 300 ng/m ³
	Methamphetamine ³	Surface Area Wipe	Less than or equal to 0.1µg/100cm ²
	Total VOCs ⁴	Air*	Less than or equal to 1 ppm
Ephedrine/ Pseudoephedrine Reduction	Methamphetamine ³	Surface Area Wipe	Less than or equal to 0.1µg/100cm ²
	Total VOCs ⁴	Air*	Less than or equal to 1 ppm
Unknown	Lead (total) ¹	Surface Area Wipe	Less than or equal to 40µg/ft ²
	Mercury ²	Air	Less than or equal to 300 ng/m ³
	Methamphetamine ³	Surface Area Wipe	Less than or equal to 0.1µg/100cm ²
	Total VOCs ⁴	Air*	Less than or equal to 1 ppm

(1) Units in micrograms of lead per square foot

(2) Units in nanograms of mercury per cubic meter of air

(3) Units in micrograms of meth per 100 square centimeters

(4) Units in parts per million

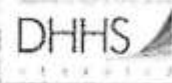
*Air from plumbing trap

24-011 PENALTY: A property owner who knowingly allows human habitation or use of the contaminated property prior to release by the local health department may be subject to a civil penalty not to exceed \$1,000.00 dollars.

Official Nebraska Government Website

NEBRASKA DEPARTMENT OF HEALTH & HUMAN SERVICES

Helping People Live Better Lives


[REPRODUCTIVE HEALTH](#) | [CHILDREN & FAMILY SERVICES](#) | [DEVELOPMENTAL DISABILITIES](#) | [MEDICARE & LONG TERM CARE](#) | [PUBLIC HEALTH](#) | [VETERANS' HOMES](#)

Search this site...

[Homepage](#)[Meth Labs](#)[Superfund Sites](#)[Safe Drinking Water Act](#)[Fish Consumption Advisories](#)[Weekly Toxic Algae and Bacteria Results](#)[Risk Assessment Services for DEQ](#)**Environmental Risk Assessment****Personal Protective Equipment (PPE)**

Personal Protective Equipment - Level C (PPE) for use in meth lab clean-up is designed to prevent or minimize ingestion, inhalation and/or dermal contact exposure with contaminants.

PPE includes disposable outerwear that is hooded, and poly-coated to protect against the permeation of liquids and gases (ASTM F1001 certified), a full-face or half-mask with air purifying combination respirators for particulates, gases and vapors (NIOSH approved), two pairs of chemical-resistant gloves (both inner and outer), and chemical resistant boots.

**Contact**

Susan Dempsey, MS
Risk Assessment/Toxicology
NE Department of Health & Human Services
301 Centennial Mall South
Lincoln, Nebraska 68509

Phone & Fax 402-471-8880**Email:** sue.dempsey@nebraska.gov

Last Updated: 12/04/2011 5:10 PM

© 2011 State of Nebraska. All Rights Reserved.

© 2011 Nebraska Department of Health & Human Services
301 Centennial Mall South, Lincoln, Nebraska 68509 (402) 471-3343

Nebraska Department of Health & Human Services | Division of Environmental Health & Safety | Environmental Risk Assessment

**Clandestine Methamphetamine Drug Laboratory
Decontamination Work Plan and Checklist**

Page 1 of 5

Decontamination Work Plan

The decontamination work plan will be performed in accordance with Nebraska Department of Health and Human Services regulation, Title 178 Environmental Health, Chapter 24 Methamphetamine Cleanup.

A copy of Title 178, Chapter 24 has been obtained and reviewed.

☐

All individuals involved in the decontamination activities must wear a minimum of Level C Personal Protective Equipment (PPE) and health and safety procedures must be followed.

Level C PPE has been obtained for all decontamination workers.

☐

A description of the health and safety procedures that will be followed is included for review.

☐

Individuals involved in the decontamination activities include:

Printed Name	Signature	*Type of Worker

*Property owner of record, member of the owner of record's family, unpaid volunteer, or decontamination consultant

Site Preparation for Decontamination

Appropriate warning signs posted prominently at all possible points of entry to the site.

☐

Access to the site restricted to only those individuals directly responsible for implementing the decontamination procedures.

☐

Air distribution system is isolated between the decontamination area and other residential units.
Not applicable

☐

☐

Openings, such as doors, have been sealed off between the decontamination area and other areas that have not been contaminated.

☐

The structure has been aired out for 3-5 days before commencing with the decontamination.

☐

A visual inspection of the site has been performed and a detailed site map as been prepared that includes:

- A floor plan of the property to scale ☐
- Identification of the "cooking area" within the property where methamphetamine was manufactured ☐
- Identification of all areas where chemicals, used in methamphetamine production were stored ☐
- Identification of all areas where chemicals, used in methamphetamine production were disposed of (such as stained tubs or sinks, outdoor burn pits or trash piles, etc.) ☐
- Unknown ☐

Decontamination Work Plan

- Identification of locations with visible staining (tubs, sinks, carpeting, etc.) ☐
- Not applicable ☐
- Identification of any areas of suspected soil contamination ☐
- Not applicable ☐

In addition to the site map a description of the air distribution system, water supply system, and the plumbing and septic system must be provided.

- Air distribution system information obtained and included ☐
- Water supply information obtained and included (public system, private well, etc.) ☐
- Plumbing and septic system (if applicable) information obtained and included ☐

Photos have been obtained and are included of all locations where decontamination will occur ☐

A detailed summary of all procedures to be employed in removing contamination and/or cleaning of the site is included for review ☐

A schedule outlining the timeframe for completion of the decontamination is included. ☐

This work plan was submitted to the local public health department.

Name _____ Date _____

This work plan has been approved.

Health Department Official

Name _____ Date _____

CHMM

Name _____ Date _____

Decontamination Check List

- Sign-in sheets have been maintained. ☐
- Health and safety procedures including the wearing of PPE have been utilized. ☐
- Tools and equipment have been decontaminated prior to removal from the site. ☐
- The local public health department and the Waste Management Section of NDEQ have been contacted to determine all applicable disposal regulations and these regulations have been followed during the decontamination process. ☐
- All dumpsters utilized during decontamination were kept covered and locked. ☐
- All sharps located on the site have been removed and properly disposed of. ☐
Not applicable. ☐
- All household chemical products have been removed and properly disposed of. ☐
Not applicable. ☐
- All general site debris, porous items located in the cooking area, and other items that cannot be properly decontaminated have been removed and properly disposed of. ☐
- The air distribution system has been decontaminated in accordance with Title 178 Chapter 24 ☐
- Contaminated surfaces have been decontaminated in accordance with Title 178 Chapter 24 ☐
- The plumbing and septic system have been decontaminated in accordance with Title 178 Chapter 24 ☐
Not applicable. ☐
- Soil and/or ground water decontamination has commenced with NDEQ oversight. ☐
Not applicable. ☐
- Decontamination of porous items outside of the cooking area and/or removable items has been completed. ☐
- A decontamination consultant has been retained for completion of site confirmation sampling. ☐

Date Name Signature Company Contact Information

- A list of all confirmation sample locations including sample date(s) and photographs of each location is included for review. ☐
- The sample method used for collection of the confirmation samples is included for review along with information on the laboratory utilized for analysis, if applicable. ☐
- Additional samples requested by the local public health department. ☐
Not applicable. ☐

Decontamination Check List

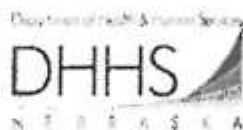
- A chain-of-custody protocol was utilized in the handling of all confirmation samples. ☐
- Additional surface wipe samples were collected for the assessment of lead. ☐
Not applicable ☐
- All accessible plumbing was tested using a PID to determine the presence of VOCs. ☐
- A sample of the septic tank liquid was collected and analyzed with NDEQ oversight. ☐
Not applicable ☐
- Indoor air confirmation sampling for mercury was completed. ☐
Not applicable. ☐
- All confirmation samples assessed for methamphetamine were at or below the standards established by the State of Nebraska in Title 178 Chapter 24. ☐
- Confirmation samples assessed for methamphetamine were above the standards established by the State of Nebraska in Title 178 Chapter 24. ☐
- All confirmation samples assessed for lead were at or below the standards established by the State of Nebraska in Title 178 Chapter 24. ☐
Not applicable. ☐
- Confirmation samples assessed for lead were above the standards established by the State of Nebraska in Title 178 Chapter 24. ☐
Not applicable. ☐
- All confirmation samples assessed for mercury were at or below the standards established by the State of Nebraska in Title 178 Chapter 24. ☐
Not applicable. ☐
- Confirmation samples assessed for mercury were above the standards established by the State of Nebraska in Title 178 Chapter 24. ☐
Not applicable. ☐
- All confirmation samples assessed for VOCs were at or below the standards established by the State of Nebraska in Title 178 Chapter 24. ☐
- Confirmation samples assessed for VOCs were above the standards established by the State of Nebraska in Title 178 Chapter 24. ☐
- Results of all confirmation sampling have been submitted to the local public health department. ☐
- Additional decontamination is required to meet Title 178 Chapter 24 standards. ☐

Decontamination Check List

Health Department Official _____ *Date* _____

*The property at _____ has successfully completed decontamination
procedures in accordance with NDHHS Title 178 Chapter 24 and all confirmation samples were at or
below the standards established in Title 178 Chapter 24.*

Health Department Official _____ *Date* _____



A former meth lab was discovered on my property. Are there any alternatives to property decontamination?

Demolition

1. An asbestos inspection must be completed prior to demolition on all properties. To locate an inspector and for detailed information about asbestos removal and disposal please see the following link: <http://dhhs.ne.gov/publichealth/Documents/asbestoscontactinformation.pdf> or contact the Nebraska Department of Health and Human Services (NDHHS) Asbestos Program at 402-471-0549 or DHHS.HealthHazardsIndoorAir@nebraska.gov.
2. All other demolition debris to be removed from the property needs to be taken to a municipal solid waste landfill or stored onsite in a locked dumpster until it can be taken to the landfill. Contact the Nebraska Department of Environmental Quality's (NDEQ) Waste Compliance Unit for more information on proper disposal of the demolition waste at 402-471-8308 or erik.waiss@nebraska.gov.

Fire Training Burn

1. An asbestos inspection must be completed prior to the fire training burn on all properties. To locate an inspector and for detailed information about asbestos removal and disposal please see the following link: <http://dhhs.ne.gov/publichealth/Documents/asbestoscontactinformation.pdf> or contact the (NDHHS) Asbestos Program at 402-471-0549 or at DHHS.HealthHazardsIndoorAir@nebraska.gov.
2. Follow instructions on the NDEQ's website for complete information on fire training burns from obtaining the permits to disposal of the debris. Go to www.deq.ne.gov. Click on "Publications and Forms" on the left side. Click on "Waste Management" in the center. Scroll down to "Guidance Documents" and in this area click on "Fire Training Burns" or contact the NDEQ Waste Compliance Unit at 402-471-8308 or erik.waiss@nebraska.gov.
3. The property can be used for a fire training burn by obtaining permits from the NDEQ, the State Fire Marshall, and the local fire department. Contact information for NDEQ is 402-471-8308 or erik.waiss@nebraska.gov. Contact information for the State Fire Marshall is 402-471-2027 or jim.heine@nebraska.gov.



**DECONTAMINATION SPECIALISTS WORKING IN NEBRASKA
CLANDESTINE METHAMPHETAMINE LABORATORIES
March 2015**

Crystal Clean Decon, LLC

A meth lab clean-up and bio-recovery company

2594 S. Wolff Street

Denver, CO 80219

Phone: 303-884-5489

Fax: 303-975-9972

Email: priley@crystalcleandecon.com

Web: www.crystalcleandecon.com

Absolute Bio-Recovery Service

Martie Law/Market Klean, Inc.

2815 River Road Bldg A

PO Box 264

Waterloo, NE 68069

Phone: 402-933-0077

Fax: 402-505-66809

Web: www.abrsne.com

Meth Lab Cleanup® Company®

6003 Old Cheney Road

Lincoln, NE 68516

Phone: 800-959-METH (6384)

Email: info@methlabcleanup.com

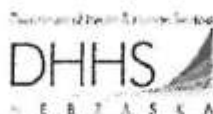
Web: www.methlabcleanup.com

Spaulding Decon, LLC

Toll Free: 866-99-DECON

Email: admin@spauldingdecon.com

Web: www.spauldingdecon.com



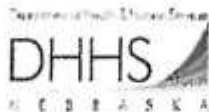
**NEBRASKA PUBLIC HEALTH DEPARTMENT METH LAB CONTACTS
(February 2015)**

Central District Health Department
<p>Teresa Anderson, Director 1137 S. Locust Street Grand Island, NE 68801 Phone: (308) 385-5175 x 25 Toll Free: (877) 216-9092 Fax: (308) 385-5181 Email: tanderson@cdhd.ne.gov Web site: www.cdhd.ne.gov (Hall County/Grand Island, Hamilton County/Aurora, Merrick County/Central City)</p>
Dakota County Health Department
<p>Tiffany Paulson, Director 1601 Broadway Street, PO Box 155 Dakota City, NE 68731 Phone: (402) 987-2164 Fax: (402) 987-2163 Email: tpaulson@dakotacountyne.org (Dakota County/Dakota City)</p>
Douglas County Health Department
<p>Adi Pour, Director Jon Ruff, Env Health Specialist I 1111 S 41st Street, Suite 205 Omaha, NE 68183 Phone: (402) 444-7471 (main #) Phone: (402) 444-7244 (Jon) Fax: (402) 444-6267 Email: adi.pour@douglascounty-ne.gov or jon.ruff@douglascounty-ne.gov Web site: www.douglascountyhealth.com (Douglas County/Omaha)</p>
East Central District Health Department
<p>Becky Rayman, Executive Director 2282 E. 32nd Avenue Columbus, NE 68601 Phone: (402) 563-9224 x 210 Fax: (402) 564-0611 Email: rman@ecdhd.com Web site: www.ecdhd.com (Boone County/Albion, Colfax County/Schuyler, Nance County/Fullerton, Platte County/Columbus)</p>
Elkhorn Logan Valley Public Health Department
<p>Gina Uhing, Director Larry Bockelman, Env Health Educator 2104 21st Circle, PO Box 779 Wisner, NE 68791 Phone: (402) 529-2233 Toll-Free: (877) 379-4400 Fax: (402) 529-2211 Email: director@elvphd.org or environmentalhealth@elvphd.org Web site: www.elvphd.org (Burt County/Tekamah, Cuming County/West Point, Madison County/Madison, Stanton County/Stanton)</p>



**NEBRASKA PUBLIC HEALTH DEPARTMENT METH LAB CONTACTS
(February 2015)**

Four Corners Health Department Vicki Duey, Executive Director 2101 N. Lincoln Avenue York, NE 68467 Phone: (402) 362-2621 Toll-Free: (877) 337-3573 Fax: (402) 362-2687 Email: vickid@fourcorners.ne.gov Web site: www.fourcornershealthdepartment.com (Butler County/David City, Polk County/Osceola, Seward County/Seward, York County/York)
Polk County Health Department (Four Corners) Darla Winslow, Director 330 N. State Street, PO Box 316 Osceola, NE 68651 Phone: (402) 747-2211 Fax: (402) 747-7241 Email: darlawins@yahoo.com (Polk County/Osceola)
Lincoln-Lancaster County Health Department Judith A. Halstead, Director Ralph Martin Jr., Senior Env Health Specialist 3140 "N" Street Lincoln, NE 68510 Phone: (402) 441-8000 (main #) Phone (402) 441-8640 (Ralph) Fax: (402) 441-6229 Email: jhalstead@lincoln.ne.gov or rmartin@lincoln.ne.gov Web site: www.lincoln.ne.gov/health (Lancaster County/Lincoln)
Loup Basin Public Health Department Chuck Cone, Director 295 N. 8 th Avenue, PO Box 995 Burwell, NE 68823 Phone: (308) 346-5795 Toll-Free: (866) 522-5795 Fax: (308) 346-9106 Email: ccone@nctc.net Web site: www.loupbasinhealth.com (Blaine County/Brewster, Custer County/Broken Bow, Garfield County/Burwell, Greeley County/Greeley, Howard County/St Paul, Loup County/Taylor, Sherman County/Loup City, Valley County/Ord, Wheeler County/Bartlett)
North Central District Health Department Roger Wiese, Director 422 E Douglas Street O'Neill, NE 68763 Phone: (402) 336-2406 Toll Free: (877) 336-2406 Fax: (402) 336-1768 Email: roger@ncdhd.ne.gov Web site: www.ncdhd.ne.gov (Antelope County/Neligh, Boyd County/Butte, Brown County/Ainsworth, Cherry County/Valentine, Holt County/O'Neill, Keya Paha County/Springview, Knox County/Center, Pierce County/Pierce, Rock County/Bassett)



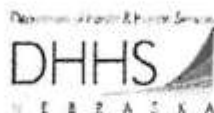
**NEBRASKA PUBLIC HEALTH DEPARTMENT METH LAB CONTACTS
(February 2015)**

Northeast Nebraska Public Health Department
<p>Deb Scholten, Director 215 N. Pearl Street Wayne, NE 68787 Phone: (402) 375-2200 Fax: (402) 375-2201 Email: healthdirector@nnphd.org Web site: www.nnphd.org (Cedar County/Hartington, Dixon County/Ponca, Thurston County/Pender, Wayne County/Wayne)</p>
Panhandle Public Health District
<p>Kim Engel, Director Tabi Prochazka, Env Health Coordinator 808 Box Butte Avenue, PO Box 337 Hemingford, NE 69348 Phone: (308) 487-3600 Fax: (308) 487-3682 Email: kengel@pphd.org or tprochazka@pphd.org Web site: www.pphd.org (Banner County/Harrisburg, Box Butte County/Alliance, Cheyenne County/Sidney, Dawes County/Chadron, Deuel County/Chappell, Garden County/Oskehosh, Grant County/Hyannis, Kimball County/Kimball, Morrill County/Bridgeport, Sheridan County/Rushville, Sioux County/Harrison)</p>
Public Health Solutions District Health Department
<p>M. Jane Ford Witthoff, Health Director Kimberly Plouzek, Emergency and Env Health Programs Director 975 E. Highway 33, Suite 1 Crete, NE 68333 Phone: (402) 826-3880 Toll Free: (888) 310-0565 Fax: (402) 826-4101 Email: jfordwitthoff@phsneb.org or kplouzek@phsneb.org Web site: www.phsneb.org (Fillmore County/Geneva, Gage County/Beatrice, Jefferson County/Fairbury, Saline County/Wilbur, Thayer County/Hebron)</p>
Sarpy/Cass Department of Health and Wellness
<p>Jenny Steventon, Interim Director 701 Olson Drive, Suite 101 Papillion, NE 68046 Phone: (402) 339-4334 Toll Free: (800) 645-0134 Fax: (402) 339-4235 Email: jsteventon@sarpy.com Web site: www.sarpy.com/health Web site: www.cassne.org (Cass County/Plattsmouth, Sarpy County/Papillion)</p>
Scotts Bluff County Health Department
<p>Bill Wineman, Director 1825 10th Street Gering, NE 69341-2445 Phone: (308) 436-6636 Fax: (308) 436-6638 Email: bwineman@scottsbuffcounty.org Web site: www.scottsbuffcounty.org/health.htm</p>



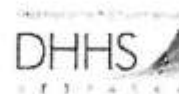
**NEBRASKA PUBLIC HEALTH DEPARTMENT METH LAB CONTACTS
(February 2015)**

(Scotts Bluff County/Gering)
South Heartland District Health Department
<p>Michele Bever, Executive Director Jim Morgan, Public Health Risk Coordinator 606 N. Minnesota, Suite 2 Hastings, NE 68901 Phone: (402) 462-6211 Toll Free: (877) 238-7595 Fax: (402) 462-6219 Email: michele.bever@shdhd.org or jim.morgan@shdhd.org Web site: www.southheartlandhealth.org (Adams County/Hastings, Clay County/Clay Center, Nuckolls County/Nelson, Webster County/Red Cloud)</p>
Clay County Health Department (South Heartland)
<p>Janice Baird, Director 209 W. Fairfield Clay Center, NE 68933 Phone: (402) 762-3571 Fax: (402) 762-3573 Email: claycohealth@windstream.net (Clays County/Clay Center)</p>
Southeast District Health Department
<p>Kevin Clunskey, Director 2511 Schneider Avenue Auburn, NE 68305 Phone: (402) 274-3993 Toll Free: (877) 777-0424 Fax: (402) 274-3967 Email: kevin@sedhd.org (Johnson County/Tecumseh, Nemaha County/Auburn, Otoe County/Nebraska City, Pawnee County/Pawnee City, Richardson County/Falls City)</p>
Southwest Nebraska Public Health Department
<p>Myra Stoney, Director Heidi Wheeler, Env Health Coordinator 404 West 10th Street, PO Box 1235 McCook, NE 69001 Phone: (308) 345-4223 Toll Free: (888) 345-4223 Fax: (308) 345-4289 Email: director@swhealth.ne.gov or erc@swhealth.ne.gov Web site: www.swhealth.ne.gov (Chase County/Imperial, Dundys County/Benkelman, Frontier County/Stockville, Furnas County/Beaver City, Hayes County/Hayes Center, Hitchcock County/Trenton, Keith/Ogalalla, Perkins County/Grant, Red Willow/McCook)</p>



**NEBRASKA PUBLIC HEALTH DEPARTMENT METH LAB CONTACTS
(February 2015)**

<p>Red Willow County Health Department (Southwest)</p> <p>Patricia Powers, Director 1400 W. 5th Street McCook, NE 69001 Phone: (308) 345-1790 Fax: (308) 345-1794 Email: rwchealth@mccooknet.com Web site: www.redwillowhealth.com (Red Willow County/McCook)</p>
<p>Three Rivers Public Health Department</p> <p>Terra Uhing, Interim Co-Director Abbey Gregg, Interim Co-Director 2400 N. Lincoln Fremont, NE 68025 Phone: (402) 727-5396 x 103 Toll Free: (866) 727-5396 Fax: (402) 727-5399 Email: terra@3rphd.org Email: abbey@3rphd.org Web site: www.threeriverspublichealth.org (Dodge County/Fremont, Saunders County/Wahoo, Washington County/Blair)</p>
<p>Two Rivers Public Health Department</p> <p>Terry Krohn, Director 701 4th Avenue, Suite 1 Holdrege, NE 68949 Phone: (308) 995-4778 Toll Free: (888) 669-7154 Fax: (308) 995-4073 Email: terry.krohn@tworiverspublichealth.com Web site: www.tworiverspublichealth.com (Buffalo County/Kearney, Dawson County/Lexington, Franklin County/Franklin, Gosper County/Elwood, Harlan County/Alma, Kearney County/Minden, Phelps County/Holdrege)</p>
<p>West Central District Health Department</p> <p>Shannon Vanderheiden, Director 111 N. Dewey, PO Box 648 North Platte, NE 69103 Phone: (308) 696-1201 Fax: (308) 696-1204 Email: vanderheidens@wcdhd.org Web site: www.wcdhd.org (Arthur County/Arthur, Hooker County/Mullen, Lincoln County/North Platte, Logan County/Stapleton, McPherson County/Tryon, Thomas County/Thedford)</p>



**DECONTAMINATION TRAINING PROVIDERS
CLANDESTINE DRUG LAB ASSESSMENT AND DECONTAMINATION COURSES
NEBRASKA
March 2015**

Meth Lab Cleanup® Company®

6003 Old Cheney Road

Lincoln, NE 68516

800-959-METH (6384)

E-Mail: info@methlabcleanup.com

Web: www.methlabcleanup.com

Meth Lab Cleanup® LLC offers a clandestine drug lab (CDL) assessment and decontamination course which includes; manufacturing methods, lab hazards and personal protection, testing, work plan development and decontamination.

WARNING

Pursuant to Neb. Rev. Stat. §§71-2432 to 71-2435

Notice is Hereby Given that these Premises

Known as _____ are Declared
Address/Unit

UNSAFE TO OCCUPY

**Hazardous Materials Exposure Risk Associated with Illicit
Manufacturing of Methamphetamine**

DO NOT ENTER

Environmental Health Specialist, LLCHD (441-8040)

Health Director, LLCHD

Date